

16.1

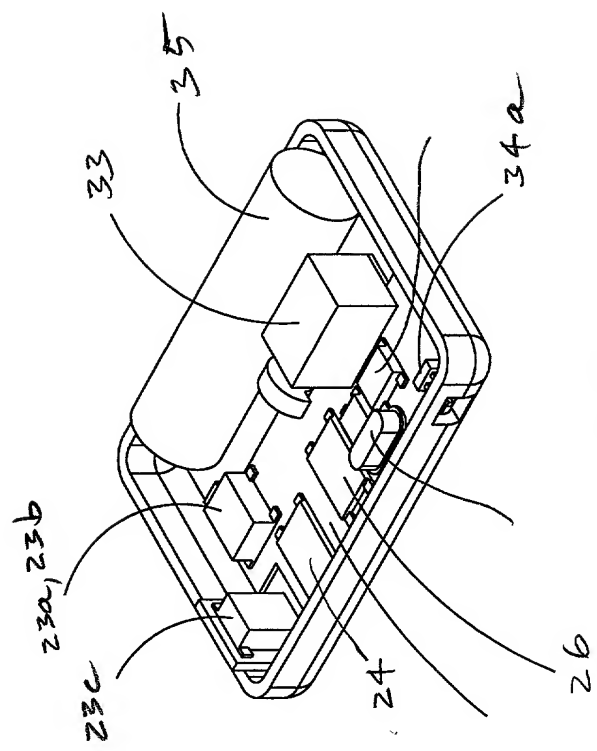


FIG. 2a

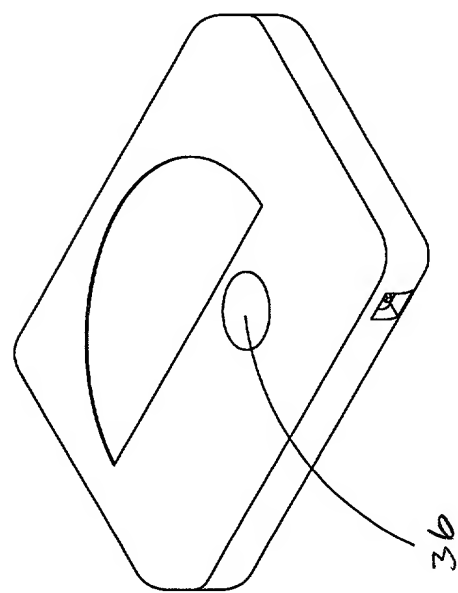
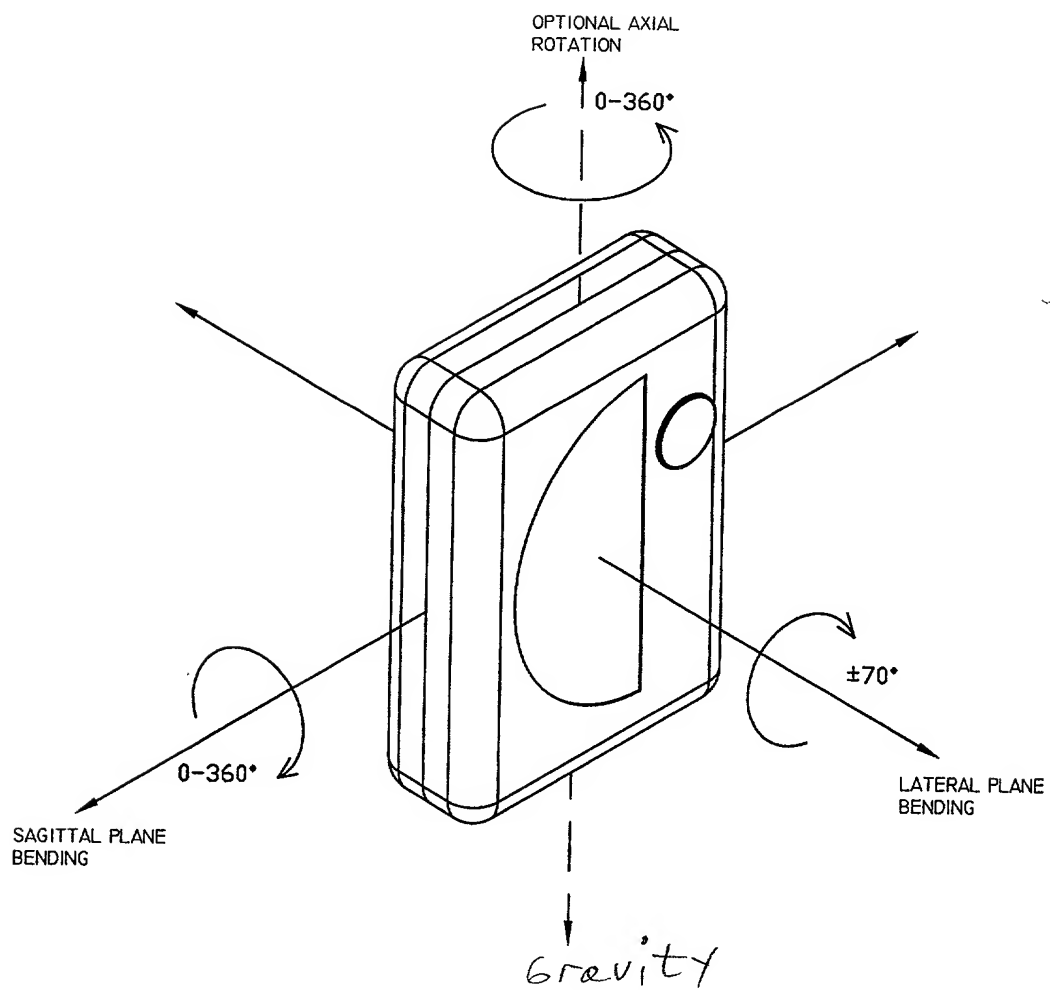


FIG. 2b

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F16.3

$$\begin{aligned} a_x &= (a_{xrow} - a_{xoffset}) * a_{xgain} \\ a_y &= (a_{yrow} - a_{yoffset}) * a_{ygain} \\ a_z &= (a_{zrow} - a_{zoffset}) * a_{zgain} \\ \theta_y &= \arctan \frac{a_x}{a_z} \\ \theta_x &= \arctan \frac{a_y}{\sqrt{a_x^2 + a_z^2}} \end{aligned}$$

FIG. 4a

$$\begin{aligned} m_x &= (m_{xrow} - m_{xoffset}) * m_{xgain} \\ m_y &= (m_{yrow} - m_{yoffset}) * m_{ygain} \\ m_z &= (m_{zrow} - m_{zoffset}) * m_{zgain} \\ m'_y &= m_y * \cos \theta_x + m_z * \sin \theta_x \\ m'_z &= m_z * \cos \theta_x + m'_y * \sin \theta_x \\ m'_x &= m_x * \cos \theta_y + m'_z * \sin \theta_y \\ \theta_z &= \arctan(m'_x / m'_y) \end{aligned}$$

FIG. 4c

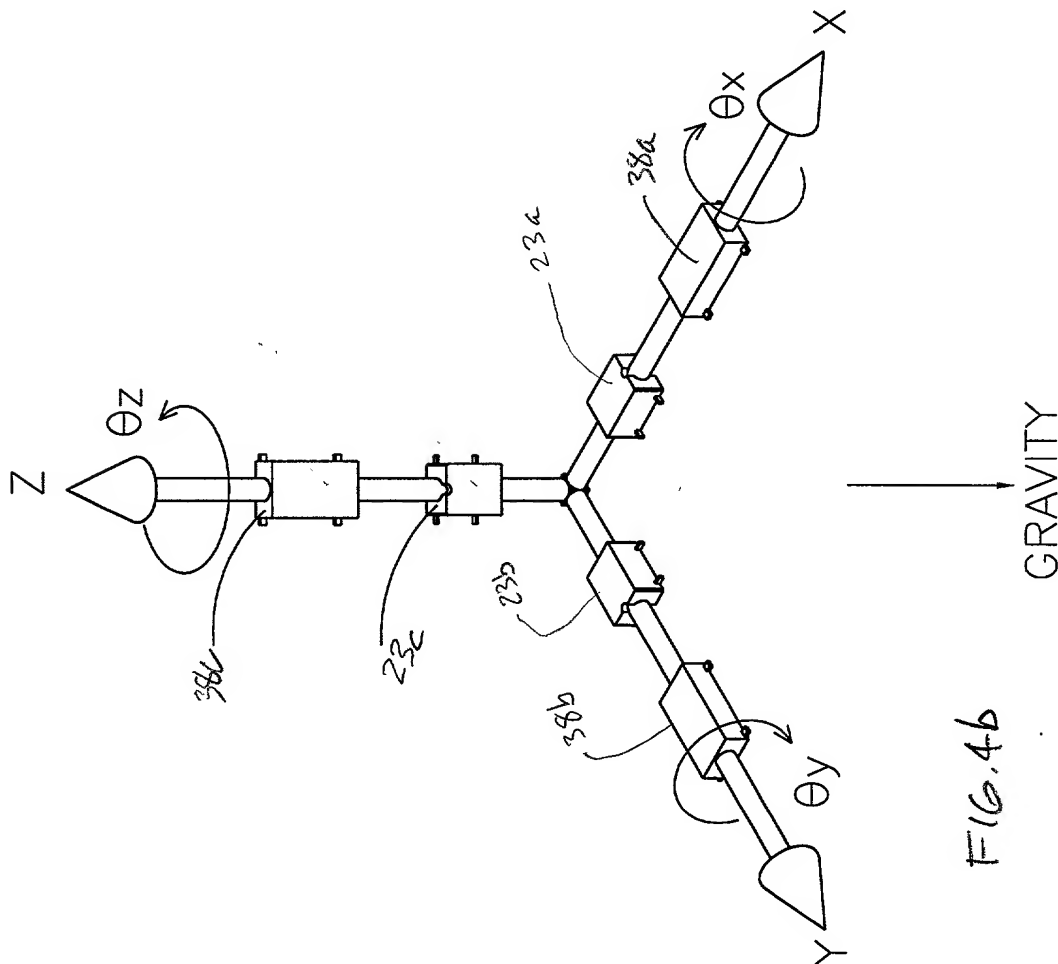


FIG. 4b

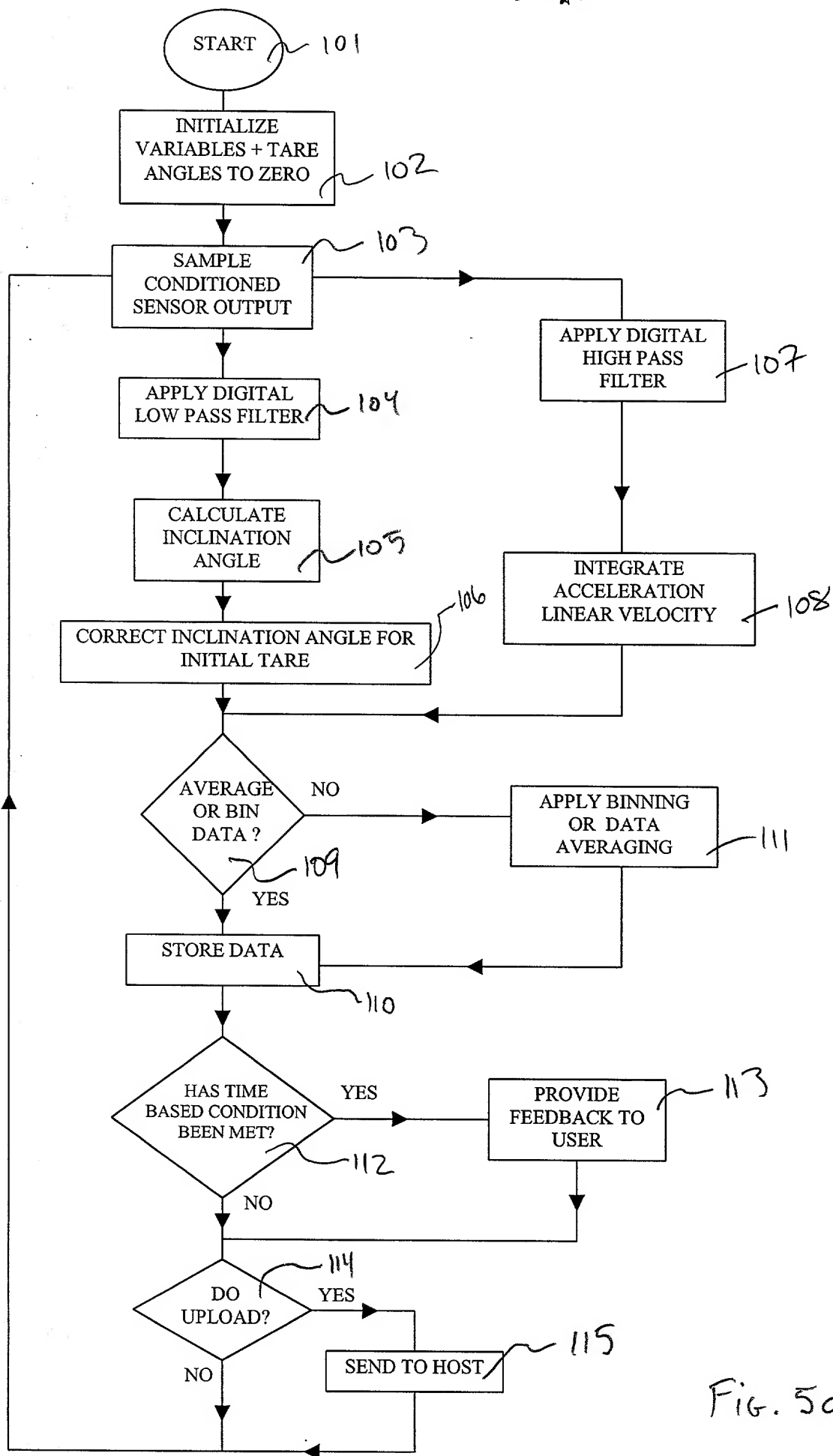


Fig. 5a

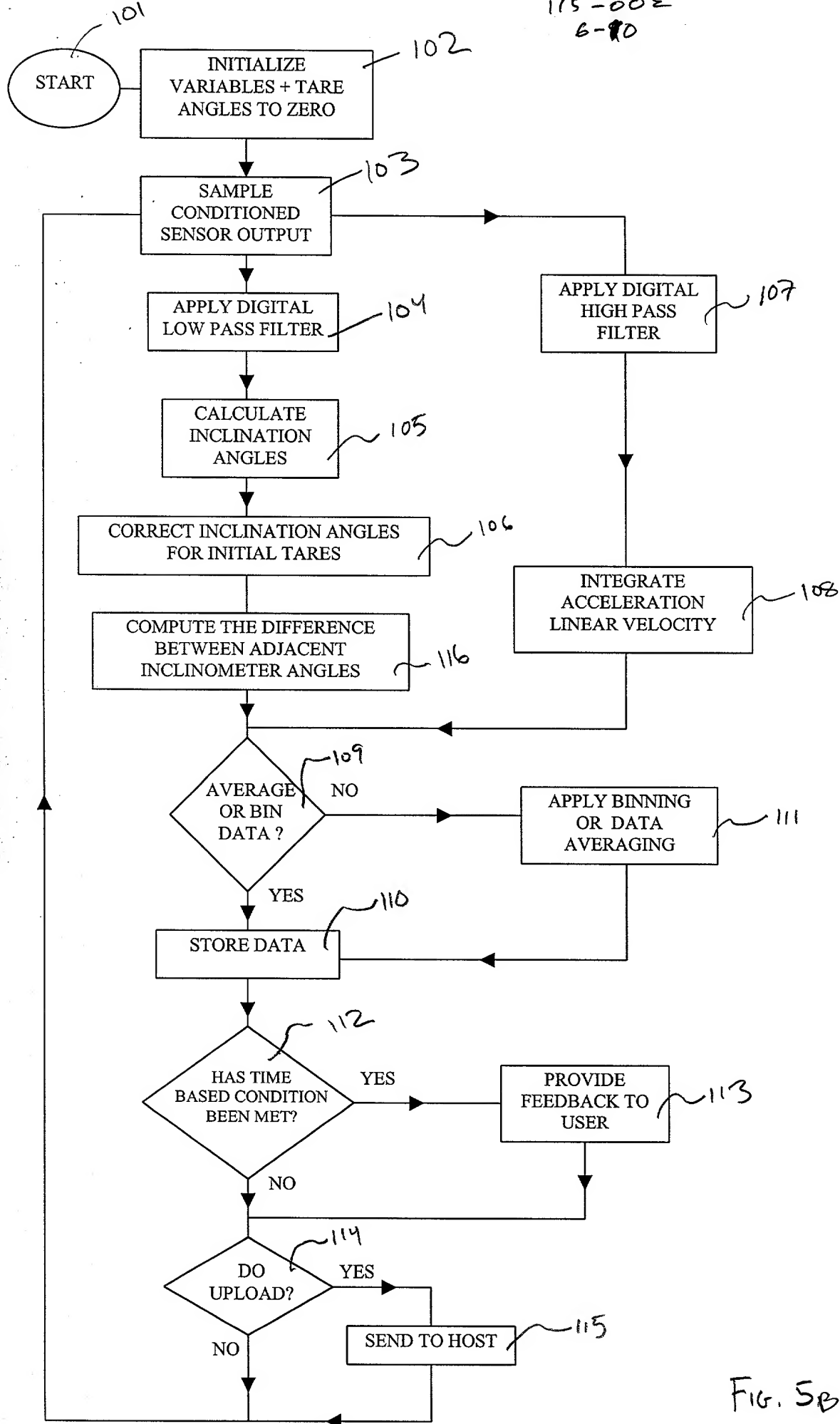


FIG. 5B

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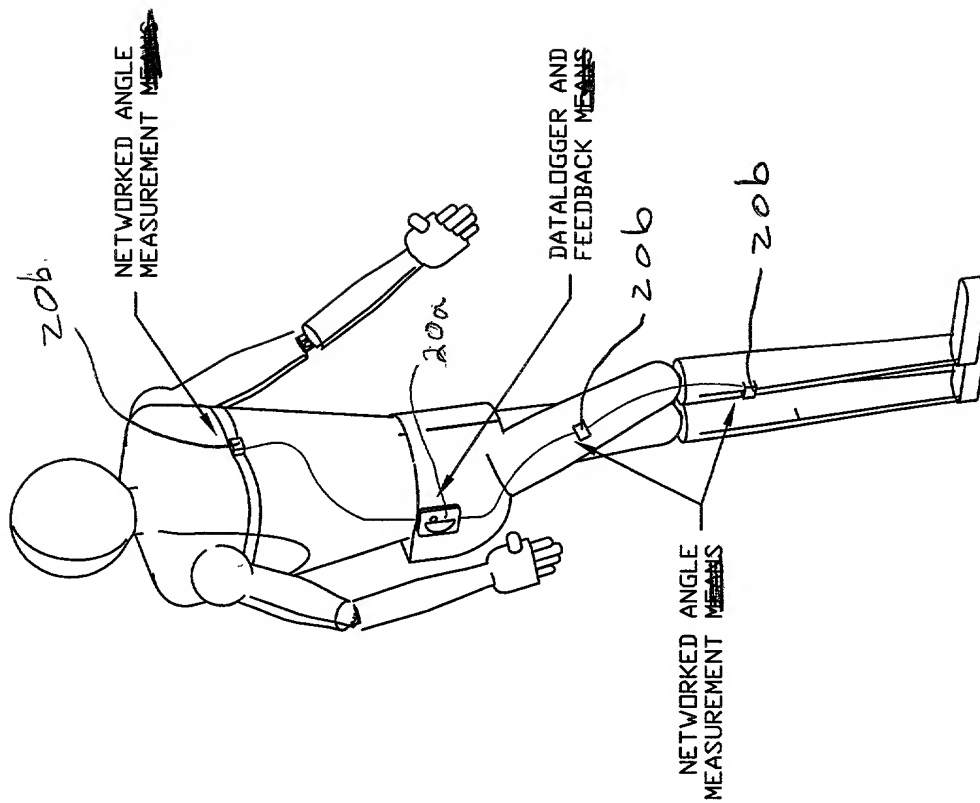


FIG. 6

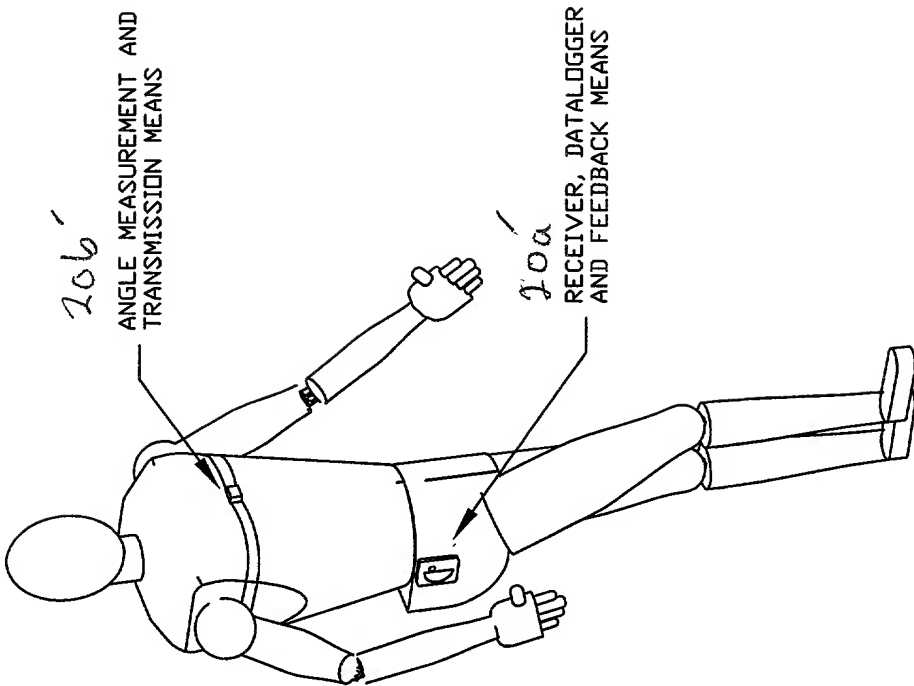
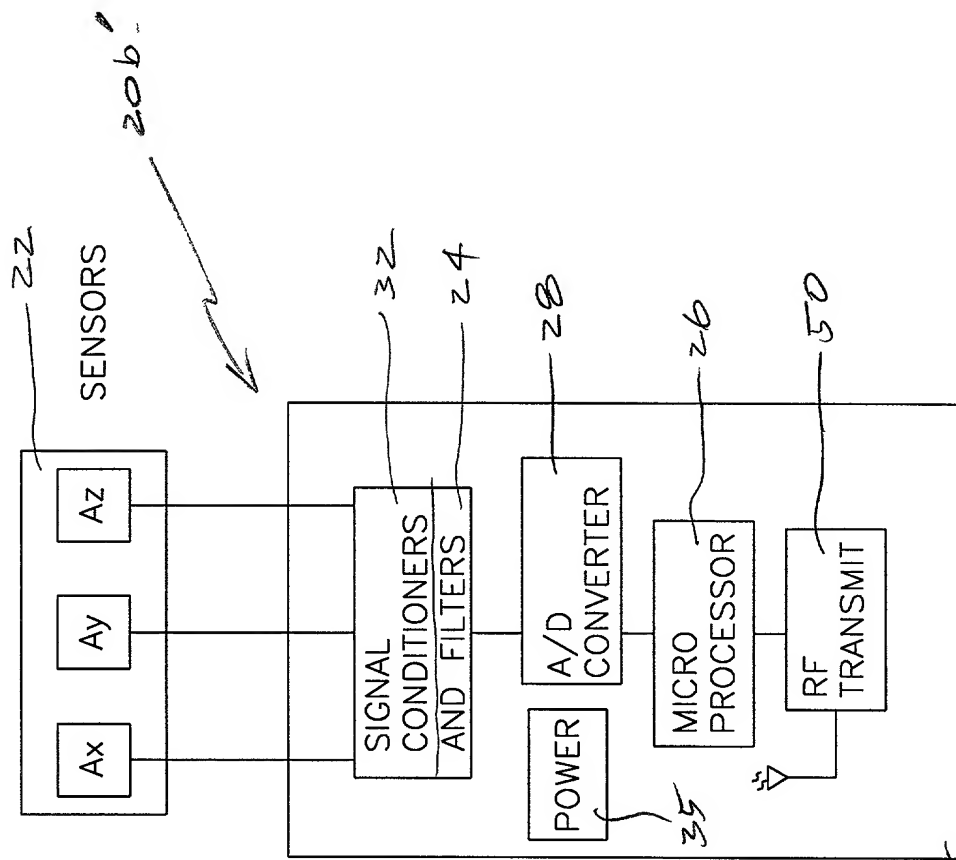
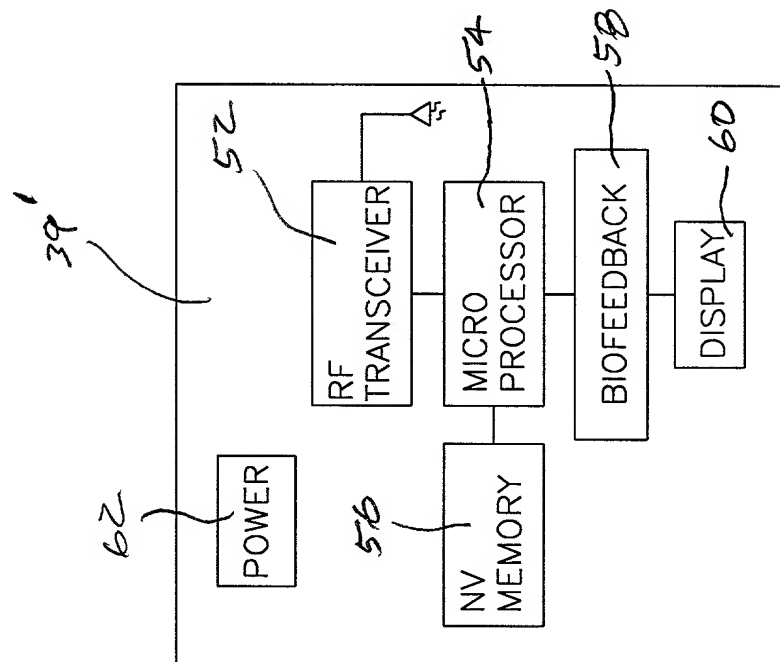
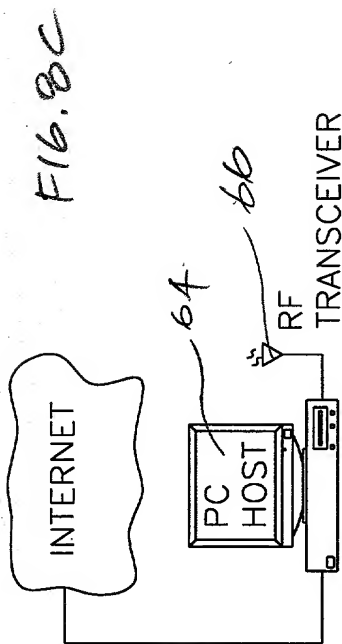


FIG. 7c





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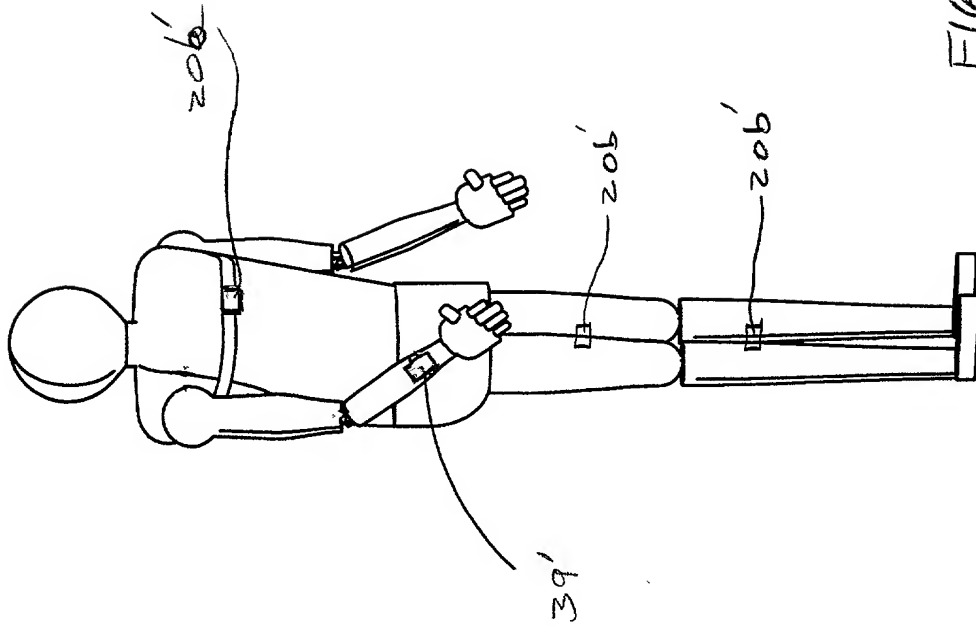


FIG. 9

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